

00/60/90
715 U.S.

BIRCH, STEWART, KOLASCH & BIR LLP

IRELL C. BIRCH
RAYMOND C. STEWART
JOSEPH A. KOLASCH
JAMES M. SLATTERY
BERNARD L. SWEENEY
MICHAEL K. MUTTER
CHARLES GORENSTEIN
GERALD M. MURPHY, JR.
LEONARD R. SVENSSON
TERRY L. CLARK
ANDREW D. MEIKLE
MARC S. WEINER
JOE MCKINNEY MUNCY
ROBERT J. KENNEY
DONALD J. DALEY
JOHN W. BAILEY
JOHN A. CASTELLANO, III
GARY D. YACURA

OF COUNSEL:
HERBERT M. BIRCH (1905-1996)
ELLIOT A. GOLDBERG
WILLIAM L. GATES
EDWARD H. VALANCE
RUPERT J. BRADY (RET.)
F. PRINCE BUTLER
FRED S. WHISENHUNT

*ADMITTED TO A BAR OTHER THAN VA

INTELLECTUAL PROPERTY LAW
8110 GATEHOUSE ROAD
SUITE 500 EAST
FALLS CHURCH, VA 22042-1210
U S A
(703) 205-8000

FAX: (703) 205-8050
(703) 698-8590 (G IV)

e-mail: mailroom@bskb.com
web: http://www.bskb.com

CALIFORNIA OFFICE:
COSTA MESA, CALIFORNIA

THOMAS S. AUCHTERLONIE
JAMES T. ELLER, JR.
SCOTT L. LOWE
MARK J. NUEL, Ph.D.
D. RICHARD ANDERSON
PAUL C. LEWIS
MARK W. MILSTEAD
JOHN CAMPA
RICHARD J. GALLAGHER

REG. PATENT AGENTS:
FREDERICK R. HANDREN
MARYANNE ARMSTRONG, Ph.D.
MAKI HATSUMI
MIKE S. RYU
CRAIG A. McROBBIE
GARTH M. DAHLEN, Ph.D.
LAURA C. LUTZ
ROBERT E. GOOZNER, Ph.D.
HYUNG N. SOHN
MATTHEW J. LATTIG
ALAN PEDERSEN-GILES
JUSTIN D. KARJALA
C. KEITH MONTGOMERY
TIMOTHY R. WYCKOFF
HERMES M. SOYEZ, Ph.D.
KRISTIN L. RUPERT, Ph.D.

Jc829 U.S. PTO
09/590375

06/09/00

Date: June 9, 2000

Docket No.: 2173-0120P

Assistant Commissioner for Patents
Box PATENT APPLICATION
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): ENDO, Keiji
IGARASHI, Kazuaki; HAYASHI, Yasuhiro
HAGIHARA, Hiroshi; OZAKI, Katsuya

For: MUTANT ALPHA-AMYLASES

Enclosed are:

- ☒ A specification consisting of 55 pages
- ☒ 3 sheet(s) of Formal drawings
- ☒ An assignment of the invention
- ☒ Certified copy of Priority Document(s)
- ☒ Executed Declaration ☒ Original ☐ Photocopy
- ☐ A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27
- ☒ Preliminary Amendment
- ☐ Information Disclosure Statement, PTO-1449 and reference(s)

X Other 3- Budapest Treaty Deposit REceipts w/English translation

The filing fee has been calculated as shown below:

LARGE ENTITY				SMALL ENTITY	
FOR	NO. FILED	NO. EXTRA	RATE FEE		RATE FEE
BASIC FEE	***** ***** *****	***** ***** *****	***** ***** \$690.00 *****	or	**** **** \$345.00 ****
TOTAL CLAIMS	13 - 20 =	0	x18 =\$ 0.00	or	x 9 = \$ 0.00
INDEPENDENT	2 - 3 =	0	x78 =\$ 0.00	or	x 39 = \$ 0.00
MULTIPLE DEPENDENT CLAIM PRESENTED <u>yes</u>			+260 = \$260.00	or	+130 = \$ 0.00
TOTAL \$ 950.00				TOTAL \$ 0.00	

X A check in the amount of \$ 990.00 to cover the filing fee and recording fee (if applicable) is enclosed.

____ Please charge Deposit Account No. 02-2448 in the amount of \$ _____. A triplicate copy of this transmittal form is enclosed.

____ No fee is enclosed.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. 1.16 or under 37 C.F.R. 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KODASCH & BIRCH, LLP

By


JOHN W. BAILEY

Reg. No. 32,881

P. O. Box 747

Falls Church, Virginia 22040-0747